



### Reliable

Certified hygienic design (3A/EHEDG) and approved materials according to EC 1935/2004 and FDA

### Cost effective

Three instruments deliver four different measured values: Pressure (static pressure and process pressure), level and temperature

### User friendly

Standardized housing and adjustment concept

## Storage tank for purified water

### Level and pressure measurement in purified water storage tanks

Purified water is used for the CIP cleaning of the production equipment. This water is produced through filtration and distillation and then stored temporarily in tanks. Absolute sterility and cleanability are essential criteria for all device components that have direct contact to the medium. This also applies to the instruments for level and pressure measurement in the tank.

[More details](#)



### VEGAPULS 6X

Non-contact level measurement with radar in WFI storage tanks

- Reliable and accurate measurement even in small containers, unaffected by pressure and temperature and under all process conditions
- Flange with encapsulated antenna system enables optimum CIP and SIP cleaning and thus reliable production at the highest quality level

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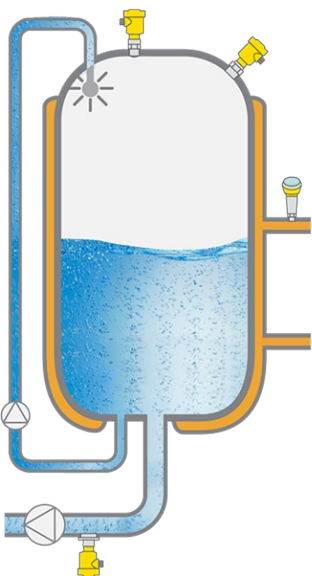


### VEGABAR 82

Pressure transmitter for monitoring pressure in the pipe network for water treatment

- The especially overload resistant, dry ceramic measuring cell guarantees a stable, reliable process
- Material in compliance with EC 1935/2004, only suitable, tested materials are used
- Integrated temperature sensor saves the purchase of additional temperature measuring instruments

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PRO

**VEGAPULS 6X**  
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**Measuring range - Distance**  
 120 m

**Process temperature**  
 -196 ... 450 °C

**Process pressure**  
 -1 ... 160 bar

**Accuracy**  
 ± 1 mm

**Frequency**  
 6 GHz  
 26 GHz  
 80 GHz

**Beam angle**  
 ≥ 3°

**Materials, wetted parts**  
 PTFE  
 PVDF  
 316L  
 PP  
 PEEK

**Threaded connection**  
 ≥ G¾, ≥ ¾ NPT

**Flange connection**  
 ≥ DN20, ≥ ¾"

**Hygienic fittings**  
 Clamp ≥ 1½" - DIN32676, ISO2852  
 Slotted nut ≥ 2", DN50 - DIN 11851  
 Varivent ≥ DN25  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 Hygienic screw connections ≥ DN50 tube ø53 -  
 DIN11864-1-A  
 Hygienic flange connection ≥ DN50 DIN11864-2  
 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-  
 3-A  
 DRD connection ø 65 mm  
 SMS 1145 DN51

PRO

**VEGABAR 82**  
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**Measuring range - Distance**  
 -

**Measuring range - Pressure**  
 -1 ... 100 bar

**Process temperature**  
 -40 ... 150 °C

**Process pressure**  
 -1 ... 100 bar

**Accuracy**  
 0.05 %

**Materials, wetted parts**  
 PVDF  
 316L  
 Alloy C22 (2.4602)  
 PP  
 1.4057  
 1.4410  
 Alloy C276 (2.4819)  
 Duplex (1.4462)  
 Titanium Grade 2 (3.7035)

**Threaded connection**  
 ≥ G½, ≥ ½ NPT

**Flange connection**  
 ≥ DN15, ≥ ½"

**Hygienic fittings**  
 Clamp ≥ 1" - DIN32676, ISO2852  
 Slotted nut ≥ DN25 - DIN 11851  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 DRD connection ø 65 mm  
 SMS 1145 DN51  
 SMS DN38  
 Swagelok VCR screwing  
 Varivent G125  
 Varivent N50-40  
 for NEUMO BioControl D50 PN16 / 316L

**Seal material**  
 EPDM  
 FKM  
 FFKM